

WHAT IS CLAIMED IS:

1. A method for providing delivery of segmented data files comprising:
receiving a request to send a data file to a target device;
querying a directory for one or more segments corresponding to said data file,
wherein each said segment includes a pointer to a data bundle located at one or more
source locations;
selecting one said source location for each said segment; and
transmitting said data bundle from each said selected source location to said
target device.
2. The method of claim 1 further comprising updating said directory with
pointers to said target device for each said data bundle transmitted to said target
device.
3. The method of claim 1 wherein said request is from said target device.
4. The method of claim 1 further comprising retransmitting said data bundle
from one of said selected source locations in response to a transmission error.
5. The method of claim 1 further comprising transmitting instructions for
reassembling said data file from said data bundles.
6. The method of claim 1 further comprising:
receiving said data file;
segmenting said data file into data bundles;
staging said data bundles to one or more said source locations; and
updating said directory to reflect said data bundles and said source locations
for said data file.

7. The method of claim 1 wherein said selecting is responsive to a network topology.

8. The method of claim 1 wherein said selecting is responsive to capabilities at said one or more source locations.

9. The method of claim 1 wherein said data file includes one or more of a software package, a software patch and a software upgrade.

10. The method of claim 1 wherein said data file includes one or more of audio and video.

11. The method of claim 1 wherein said target device is a personal computer.

12. The method of claim 1 wherein said target device includes a video server.

13. The method of claim 1 wherein said target device includes an audio server.

14. The method of claim 1 wherein said target device is a hand held device with storage capability including one or more of a telephone, a personal digital assistant and an audio player.

15. The method of claim 1 wherein said target device is any device capable of storing said data file.

16. A system for providing delivery of segmented data files comprising:
a network;
a data file accessible via said network;
a directory accessible via said network;
a target device in communication with said network; and
a network element in communication with said network including instructions
to implement a method including:

receiving a request via said network to send said data file to said target
device;

querying said directory via said network for one or more segments
corresponding to said data file, wherein each said segment is located via a
pointer to a data bundle located at one or more source locations;

selecting one said source location for each said segment; and

transmitting said data bundle via said network from each said selected
source location to said target device.

17. The system of claim 16 wherein said network includes a wireless network.

18. The system of claim 16 wherein said network includes the Internet.

19. The system of claim 16 wherein said network includes a broadband
network.

20. The system of claim 16 wherein said network is any network capable
of transmitting data from one location to another location.

21. A computer program product for providing delivery of segmented data files, the computer program product comprising:

a storage medium readable by a processing circuit and storing instructions for execution by the processing circuit for performing a method comprising:

receiving a request to send a data file to a target device;

querying a directory for one or more segments corresponding to said data file, wherein each said segment includes a pointer to a data bundle located at one or more source locations;

selecting one said source location for each said segment; and

transmitting said data bundle from each said selected source location to said target device.